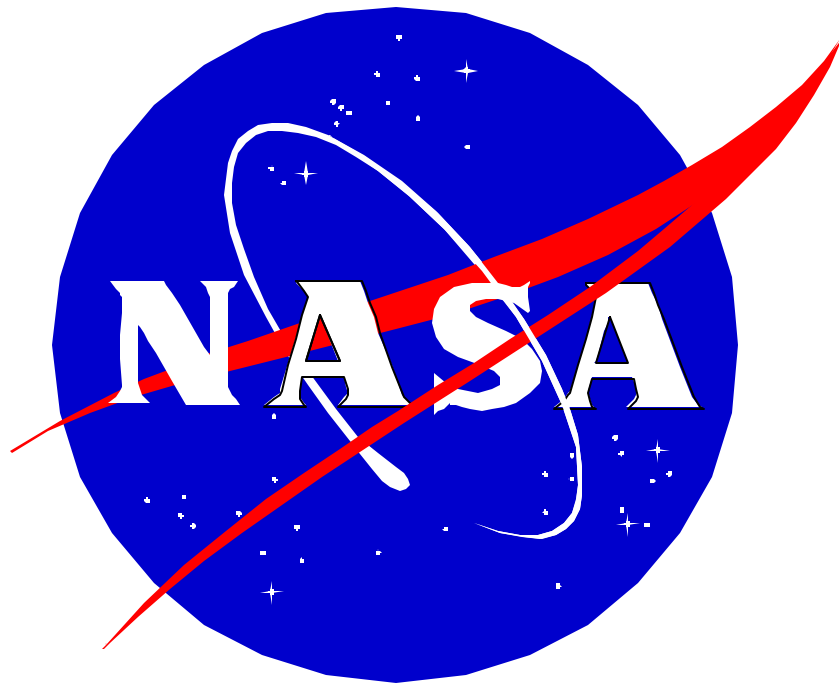
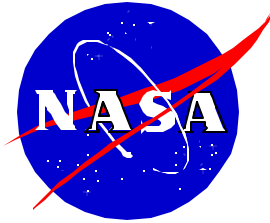


STS-109 FLIGHT READINESS REVIEW



FLIGHT CREW OPERATIONS DIRECTORATE

February 14, 2002



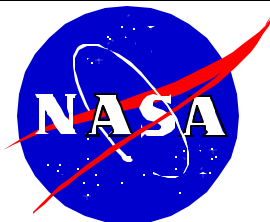
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- ➔ FLIGHT CREW OPERATIONS LEVEL III FLIGHT READINESS REVIEW ON JANUARY 28, 2002.
 - ➔ NO OPEN DCR CERTIFICATIONS, PREVIOUS READINESS REVIEW ACTIONS, OR COFR EXCEPTIONS.
 - ➔ NO UNPLANNED OPEN WORK OR KNOWN CONSTRAINTS TO LAUNCH.
- ➔ STS-109 FLIGHT CREW AND MISSION CONTROL SUPPORT PERSONNEL ARE TRAINED AND CERTIFIED FOR FLIGHT.
- ➔ ALL REQUIRED SUPPORT AIRCRAFT ARE CURRENT IN INSPECTION AND MAINTENANCE AND ALL PILOTS HAVE COMPLETED CERTIFICATION AND ARE CURRENT.
- ➔ PENDING COMPLETION OF PLANNED WORK, FLIGHT CREW OPERATIONS IS READY TO SUPPORT THE STS-109 MISSION AND THE SUBSEQUENT SHUTTLE FERRY OPERATIONS.

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Space
Center**



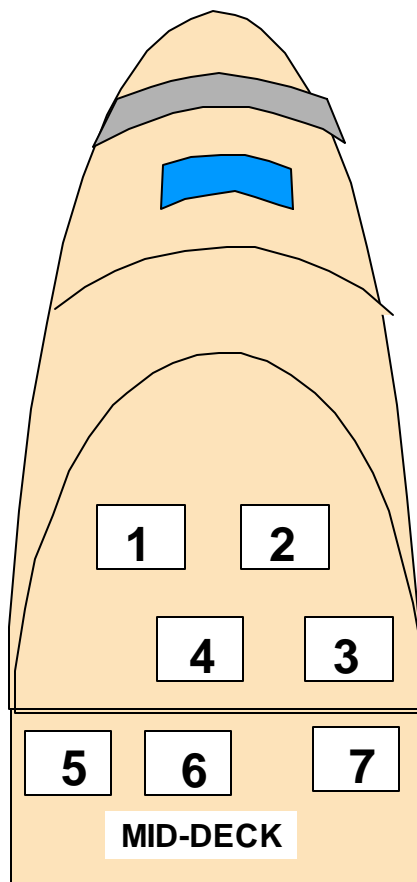
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CREW CERTIFICATION

CDR: Altman, Scott
PILOT: Carey, Duane
MS1: Grunsfeld, John
MS2: Currie, Nancy
MS3: Newman, James
MS4: Linnehan, Richard
MS5: Massimino, Michael



ASCENT

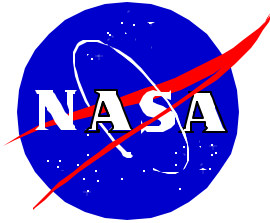
1	Altman
2	Carey
3	Grunsfeld
4	Currie
5	Linnehan
6	Newman
7	Massimino

DESCENT

1	Altman
2	Carey
3	Linnehan
4	Currie
5	Grunsfeld
6	Newman
7	Massimino

•FINAL STA TRAINING AT EDWARDS NOT PERFORMED; AT KSC ON L-2

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- ➔ STA'S NASA 944 AND 947 WILL SUPPORT PRELAUNCH CREW TRAINING AT KSC AND LAUNCH/LANDING WEATHER SUPPORT.
- ➔ IF NECESSARY, SCA NASA 911 WILL SUPPORT FERRY OPERATIONS.
- ➔ IF NECESSARY, DDMS AIRCRAFT WILL BE USED AS FERRY PATHFINDER. NASA 931 HAS A SCHEDULING CONFLICT.
- ➔ NASA 931 IS AVAILABLE, IF REQUIRED, FOR CREW RETURN FROM TAL SITE OR TRANSPORTATION OF EMCC PERSONNEL/EQUIPMENT

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CREW CERTIFICATION FLIGHT READINESS STATEMENT

ALL FLIGHT CREW MEMBERS HAVE SUCCESSFULLY COMPLETED
REQUIRED TRAINING AND MEDICAL EXAMINATIONS.

A handwritten signature in dark ink, appearing to read "Jon C. Harpold", written over a horizontal line.

Jon C. Harpold
Acting Director, Mission
Operations (Training)

A handwritten signature in dark ink, appearing to read "Dave R. Williams", written over a horizontal line.

Dave R. Williams, MD FRCP (C)
Director, Space and Life Sciences
(Medical)

A handwritten signature in dark ink, appearing to read "Charles R. Knarr", written over a horizontal line.

Charles R. Knarr
Deputy APM, Flight Operations
United Space Alliance
(Training)

A handwritten signature in dark ink, appearing to read "Steven A. Hawley", written over a horizontal line.

Steven A. Hawley, Ph.D.
Director, Flight Crew Operations

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AIRCRAFT AND AIRCREW FLIGHT READINESS STATEMENT

ALL AIRCRAFT ARE CURRENT IN INSPECTION AND MAINTENANCE AND ALL
FLIGHT CREW AND MAINTENANCE PERSONNEL HAVE COMPLETED
CERTIFICATION AND ARE CURRENT.

A handwritten signature in black ink, appearing to read "Robert J. Naughton".

Robert J. Naughton
Chief, Aircraft Operations Division

A handwritten signature in black ink, appearing to read "Steven A. Hawley".

Steven A. Hawley, Ph.D.
Director, Flight Crew Operations